

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for ARACHIDIC-ACID

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Lawsonia inermis</i>	Oil		96000.0		--
<i>Cucumis melo</i>	Cotyledon	10200.0	55300.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Theobroma angustifolium</i>	Seed	19735.0	51955.0	4.430613556992199	--
<i>Moringa oleifera</i>	Seed	16600.0	39000.0	3.1623085140096574	--
<i>Prunus domestica</i>	Seed	21450.0	23100.0	1.6056855743398462	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Macadamia spp</i>	Seed	17135.0	20925.0	1.3927513042906738	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Verbascum thapsus</i>	Seed Oil		16000.0	1.1596625611969296	--
<i>Arachis hypogaea</i>	Seed	11803.0	12644.0	0.5820346650827677	--
<i>Lawsonia inermis</i>	Seed	5375.0	11730.0	0.49255332125520745	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Dodonaea viscosa</i>	Seed	2850.0	10185.0	0.34129656390993335	--
<i>Simarouba glauca</i>	Seed	9240.0	10085.0	0.33150648252836223	--
<i>Carica papaya</i>	Seed Oil	5000.0	10000.0	0.12115877505042544	Jim Duke's personal files.
<i>Azadirachta indica</i>	Fruit		9360.0	1.3891147803586739	--
<i>Justicia adhatoda</i>	Seed		8000.0	0.12738328572260396	--
<i>Croton tiglium</i>	Seed	4500.0	7500.0	0.07843287881474827	--
<i>Sesamum indicum</i>	Seed	1312.0	6910.0	0.020671398663478543	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Erythrina crista-galli</i>	Seed		5345.0	-0.13254337495810997	--
<i>Ceiba pentandra</i>	Seed	2400.0	4800.0	-0.1858993184876727	--
<i>Terminalia catappa</i>	Seed	0.0	4770.0	-0.18883634290214402	--
<i>Theobroma bicolor</i>	Seed	4310.0	4555.0	-0.20988501787252198	--
<i>Robinia pseudoacacia</i>	Seed	990.0	4390.0	-0.22603865215211436	--
<i>Cryptostegia grandifolia</i>	Seed		4040.0	-0.26030393698761334	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Cucumis melo	Seed	2700.0	4014.0	-0.26284935814682187	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Lepidium sativum	Seed	2450.0	3925.0	-0.27156253057642016	--
Strychnos nux-vomica	Seed	2800.0	3500.0	-0.3131703764480975	--
Cucurbita pepo	Seed	200.0	3445.0	-0.31855492120796164	--
Prunus cerasus	Seed	2400.0	3200.0	-0.34254062059281093	--
Ficus carica	Seed	2520.0	3150.0	-0.3474356612835965	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Carthamus tinctorius	Seed	1000.0	3130.0	-0.34939367755991074	--
Jatropha curcas	Seed	1800.0	2880.0	-0.3738688810138386	--
Gossypium sp	Seed	960.0	2690.0	-0.3924700356388237	--
Thevetia peruviana	Seed		2680.0	-0.39344904377698087	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Elaeis oleifera	Fruit	1450.0	2500.0	-0.4648399654118519	--
Papaver somniferum	Seed	1720.0	1920.0	-0.4678536622769215	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Sambucus canadensis	Seed	1206.0	1920.0	-0.4678536622769215	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Nigella sativa	Seed Oil		1900.0	-1.2808213362473546	--
Mucuna pruriens	Seed	65.0	1385.0	-0.5202305976683271	--
Abrus precatorius	Seed		1350.0	-0.523657126151877	Wealth of India.
Cucurbita maxima	Seed		1100.0	-0.5481323296058048	--
Lactuca scariola	Seed		1091.0	-0.5490134369301463	--
Alliaria petiolata	Seed		880.0	-0.5696705086452614	--
Senna obtusifolia	Seed		850.0	-0.5726075330597327	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Olea europaea	Fruit	300.0	800.0	-0.9242748149468218	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Passiflora edulis	Seed		780.0	-0.5794605900268325	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Fagopyrum esculentum	Seed		459.0	-0.6108867512616759	Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29.
Vigna radiata	Seed	117.0	135.0	-0.6426066149379663	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Vigna unguiculata	Seed		86.0	-0.6474037548149362	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Vigna unguiculata	Seed		86.0	-0.6474037548149362	--
Physalis peruviana	Seed		63.0	-0.6496554735326976	--
Silybum marianum	Seed Oil				--
Tamarindus indica	Seed				--
Ptychopetalum olacoides	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Sambucus nigra	Seed				--
Piper nigrum	Fruit				=ICMR(Indian Council of Medical Research).1976.Medicinal Plants of India.Vol.1.Indian Council of Med. Res.Cambridge Printing Works, New Delhi.487 pp;ICMR.1987.Medicinal Plants of India.Vol.2.Indian Council of Med. Res.Cambr. Printing Works,New Delhi.600pp
Teucrium polium	Plant				Rizk, A.F.M., The Phytochemistry of the Flora of Qatar, Scientific and Applied Research Centre, University of Qatar, Kingprint, Richmond, UK, 1986.
Coffea arabica	Seed				--
Tamarindus indica	Seed Oil				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Allium cepa	Seed Oil				Reddy, P. N., Azeemoddin, G., Rao, S. D. T. 1989. Processing and Analysis of Onionseed (<i>Allium cepa</i>) and its Fixed Oil. <i>J. Amer. Oil Chem. Soc.</i> , 66(3): 365.
Centaurea calcitrapa	Plant				--
Ginkgo biloba	Pollen Or Spore				Jim Duke's personal files.
Terminalia chebula	Seed Oil				Miglani, B. D., Chawla, A. S. 1974. Chemical Investigation of the Oil of Terminalia chebula. <i>J. Inst. Chem. (Calcutta)</i> 46: 189-.
Maclura pomifera	Fruit				--
Allium cepa	Seed				--
Trigonella foenum-graecum	Seed				--
Theobroma cacao	Plant				--
Punica granatum	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Angelica archangelica	Plant				Pakistan Encyclopedia Planta Medica. 1986.
Salvia sclarea	Plant				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Silybum marianum	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
Annona squamosa	Plant				--
Carya illinoensis	Leaf				--
Pisum sativum	Seed				--
Papaver somniferum	Seed Oil				--
Elettaria cardamomum	Seed Oil				--
Cistus ladaniferus	Resin, Exudate, Sap				--
Acanthopanax gracilistylis	Plant				--
Zea mays	Plant				--
Panax ginseng	Root				--
Solanum melongena	Seed				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Frangula alnus</i>	Plant				--
<i>Pueraria montana</i>	Root				--
<i>Sambucus nigra</i>	Flower				--
<i>Eriobotrya japonica</i>	Seed				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Pachyrhizus erosus</i>	Seed				--
<i>Angelica archangelica</i>	Fruit				--
<i>Phoenix dactylifera</i>	Seed				Abstract (See species file)
<i>Capsicum annuum</i>	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
<i>Citrullus colocynthis</i>	Seed				--
<i>Oryza sativa</i>	Seed				--
<i>Cannabis sativa</i>	Seed				--
<i>Quisqualis indica</i>	Fruit				--
<i>Cannabis sativa</i>	Plant				Turner, C. E., El Sohly, M. A., Boeren, E. G. 1980. Constituents of Cannabis sativa L. XVII. A Review of the Natural Constituents. J Natural Products, 43(2): 169-234.
<i>Ammi visnaga</i>	Plant				--
<i>Sinapis alba</i>	Seed				--
<i>Juglans nigra</i>	Seed Oil				--
<i>Capsicum frutescens</i>	Fruit				--
<i>Nardostachys chinensis</i>	Root				--
<i>Carica papaya</i>	Flower				Jim Duke's personal files.
<i>Carica papaya</i>	Fruit				Jim Duke's personal files.
<i>Lonicera japonica</i>	Flower				--